

Abstract of the Disclosure

A coated medical device (10) including a structure (12) adapted for introduction into a passage or vessel of a patient. The structure is formed of preferably a non-porous base material (14) having a bioactive material layer (18) disposed thereon. The medical device is preferably an
5 implantable stent or balloon (26) of which the bioactive material layer is deposited thereon. The stent can be positioned around the balloon and another layer of the bioactive material posited over the entire structure and extending beyond the ends of the positioned stent. The ends of the balloon
10 extend beyond the ends of the stent and include the bioactive material thereon for delivering the bioactive material to the cells of a vessel wall coming in contact therewith. The balloon further includes a layer of hydrophilic material (58) positioned between the base and bioactive material layers of the balloon.